

1. (currently amended) A knife assembly for a chipper, which is intended to be installed in ~~[[the]]~~ a knife frame forming part of the chipper, and which knife assembly includes

- a counter knife fitted to the knife frame,
- an essentially symmetrical reversible knife set against the counter knife, at the opposite sides of which there are two cutting bevel edges, one of which cutting bevel edges extends further than the counter knife from the knife frame,
- a clamp, which is arranged to press on the reversible knife from the opposite side than the counter knife,
- securing means for securing the clamp and tightening it onto the knife frame and thus for pressing the reversible knife between the clamp and the counter knife, and
- at least one locking piece, which runs parallel to the longitudinal axis of the reversible knife and which extends on both sides of the boundary surface between the reversible knife and the counter knife, in order to prevent lateral movement of the reversible knife relative to the counter knife, and which locking piece is arranged to form a fixed part of the reversible knife or the counter knife,

in which knife assembly the reversible knife, the counter knife, and the locking piece are arranged in such a way that the position of the reversible knife relative to the knife frame can be set as desired in the lateral direction of the reversible knife, characterized in that the counter knife has two counter-surfaces arranged to rest on the knife frame, which are arranged to form an acute angle α , the size of which is 25 - 75°, for fitting the counter knife to the knife frame using shape-locking.

2. (previously presented) A knife assembly according to Claim 1, characterized in that the clamp has two counter-surfaces arranged to rest on the knife frame, which are arranged to form an acute angle β , the size of which is 40 - 85°.

3. (previously presented) A knife assembly according to Claim 1, characterized in that the angle between the bisectors of angles α and β is maximum 20° .

4. (currently amended) A knife assembly according to Claim 1, characterized in that the locking piece ~~[(18)]~~ is arranged in the counter knife, a groove corresponding to ~~[[it]]~~ the locking piece being arranged in the reversible knife while the width of the locking piece in the lateral direction of the reversible knife is greater than the height of the locking piece.

5. (previously presented) A knife assembly according to Claim 1, characterized in that the counter knife and the clamp are arranged to be supported directly on the knife frame.

6. (currently amended) A counter-knife series for a knife assembly including ~~according to Claim 1,~~

a counter knife fitted to a knife frame of a chipper,

an essentially symmetrical reversible knife set against the counter knife, at the opposite sides of which there are two cutting bevel edges, one of which cutting bevel edges extends further than the counter knife from the knife frame,

a clamp, which is arranged to press on the reversible knife from the opposite side than the counter knife,

securing means for securing the clamp and tightening it onto the knife frame and thus for pressing the reversible knife between the clamp and the counter knife, and

at least one locking piece, which runs parallel to the longitudinal axis of the reversible knife and which extends on both sides of the boundary surface between the reversible knife and the counter knife, in order to prevent lateral movement of the reversible knife relative to the counter knife, and which locking piece is arranged to form a fixed part of the reversible knife or the counter knife,

the reversible knife, the counter knife, and the locking piece of the knife assembly being arranged in such a way that the position of the reversible knife relative to the knife frame can be set as desired in the lateral direction of the reversible knife,

the counter knife having two counter-surfaces arranged to rest on the knife frame, which are arranged to form an acute angle α , the size of which is 25 - 75°, for fitting the counter knife to the knife frame using shape-locking, and

in which knife assembly both cutting bevel edges of the reversible knife are being arranged so that they can be sharpened,

~~characterized in that for each sharpened reversible knife the counter-knife series includes~~ comprising a corresponding counter knife for each sharpened reversible knife, in order to adapt the position of the sharpened cutting bevel edge relative to the knife frame, to be the same as ~~[[it]]~~ the cutting bevel edge was prior to sharpening.

7. (currently amended) A counter-knife series according to Claim 6, characterized in that the counter-knife series includes 1 - 6 different counter ~~knives~~ knives for changing the position of the reversible knife by 0.5 - 1.5 mm in the lateral direction of the reversible knife, after sharpening.

8. (currently amended) A counter-knife series according to Claim 5, characterized in that the counter-knife series includes at least one second counter-knife series including a corresponding number of counter ~~knives~~ knives, in which the angle γ of the counter bevel edge of the counter ~~knives~~ knives and/or the distance of the cutting bevel edge from the counter bevel edge are different to those in the first counter-knife series.

9. (currently amended) A counter-knife series according to Claim 5, characterized in that the counter ~~knives~~ knives are precipitation-hardened cast pieces or rolled pieces.